Docket No.

0083-0865-2

#### IN THE UNITED STATES PAIEN FA D TRADEMARK OFFICE

JAN 0 5 2001

IN RE APPLICATION OF:

Masashi GOTOH, et al.

SERIAL NO:

09/119,626

FILED:

July 21, 1998

FOR:

CIRCUIT BOARD HAVING BONDING AREAS TO BE

GAU:

2841

**EXAMINER:** 

GAFFIN, J.

NED WITH BUMPS BY ULTRASONIC BONDING

INFORMATION DISCLOSURE/RELATED CASE STATEMENT UNDER 37 CFR 1.97

ASSISTANT COMMISSIONER FOR PATENTS WASHINGTON, D.C. 20231

SIR:

Applicant(s) wish to disclose the following information.

#### REFERENCES

- The applicant(s) wish to make of record the references cited in the European Search Report listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- A check is attached in the amount required under 37 CFR §1.17(p).

#### RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check is attached in the amount required under 37 CFR §1.17(p).

#### **CERTIFICATION**

- Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

#### DEPOSIT ACCOUNT

22850

Tel. (703) 413-3000 Fax. (703) 413-2220

(OSMMN 10/98)

GJM:CDW:brf

Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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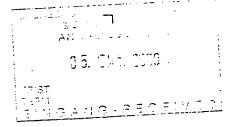
Zweigstelle in Den Haag Recherchenabteilung

#### European Patent Office

Branch at The Hague Search division Office européen des brevets

Département à July July La Haye Division de la rechemne

Grünecker, Kinkeldey, Stockmair & Schwanhäusser Anwaltssozietät Maximilianstrasse 58 80538 München ALLEMAGNE



Datum/Date 05 . 10 . 00

Zeichen/Ref./Réf. EP15550-045/iw Anmeldung Nr/Application No/Demande n°/Patent Nr/Patent No/Brevet n°. 98113678.1-2214-

Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire
TDK Corporation

# COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

Abstract

X title

The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:

1

### REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.







## **EUROPEAN SEARCH REPORT**

Application Number EP 98 11 3678

	DOCUMENTS CONSID	ERED TO BE RE	LEVANT			
Category	Citation of document with in of relevant pass			Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)	
) A	PATENT ABSTRACTS OF vol. 1996, no. 02, 29 February 1996 (1 & JP 07 263849 A (M CORP), 13 October 1 * abstract *	996-02-29) ITSUBISHI ELEC	TRIC 3)	4	H05K1/11 H05K3/32 H01L21/60 H01L23/498	
) A	US 5 793 098 A (UCH 11 August 1998 (199 * figures 3,4,7,9 * & JP 09 148487 A (. 6 June 1997 (1997-0	8-08-11)	1,	4		
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1	The present search report has		aims		Examiner	
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Y:pa	CATEGORY OF CITED DOCUMENTS articularly relevant if taken alone articularly relevant if combined with ano ocument of the same category chnological background on-written disclosure termediate document	S I	theory or principle under the filing date document cited in the document cited in the document cited for our cited	blished on, or on us		



### ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 98 11 3678

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

26-09-2000

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LIST OF REFERENCES CITED BY APPLICANT					APPLICANT Masashi GOTOH				i, et al.				
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OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)													
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